

Spring 2015 STAAR Update

Spring 2015 STAAR

- Grades 3-8 will assess revised TEKS
- Grades 3-8 will receive initial raw score
- Summer 2015 data from Spring administration will be used to determine new performance standards
- Performance Standards will be retroactively applied to students that took the Spring 2015 math STAAR assessment
- No STAAR retesting for grades 5 and 8

Student Success Initiative

- Districts will still have to provide some form of intervention

REGION 13 MATH

Student Success Initiative

- Use district benchmark/assessment data
- STAAR raw scores

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Foundation Advanced Course SBOE Rule

Third Mathematics Credit	
* Mathematical Models with Applications	AP Calculus BC
* Mathematical Applications in AFNR	AP Computer Science
* Digital Electronics	IB Mathematical Studies Standard Level (SL)
* Robotics Programming and Design	IB Mathematics SL
Algebra II	IB Mathematics Higher Level (HL)
Precalculus	IB Further Mathematics HL
AQR	Engineering Mathematics
Independent Study in Math	Statistics & Risk Management
Discrete Mathematics for Problem Solving	Discrete Mathematics for Computer Science
AP Statistics	locally developed math course or other activity [pursuant to TEC, §28.002(g-1)]
AP Calculus AB	mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]
Algebraic Reasoning (in development for implementation in 2015-2016)	Statistics (in development for implementation in 2015-2016)

February 2014

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Endorsement Advanced Course SBOE Rule

Fourth Mathematics Credit to Earn an Endorsement	
Algebra II	IB Mathematical Studies Standard Level (SL)
Precalculus	IB Mathematics SL
Advanced Quantitative Reasoning	IB Mathematics Higher Level (HL)
Independent Study in Math	IB Further Mathematics HL
Discrete Mathematics for Problem Solving	Engineering Mathematics
AP Statistics	Statistics & Risk Management
AP Calculus AB	Discrete Mathematics for Computer Science
AP Calculus BC	locally developed math course or other activity [pursuant to TEC, §28.002(g-1)]
AP Computer Science	mathematics course endorsed by an IHE [pursuant to TEC, §28.025(b-5)]
* Math Models (for the 2014-2015 school year only)	College Prep Math [pursuant to TEC, §28.014]
Algebraic Reasoning (in development for implementation in 2015-2016)	Statistics (in development for implementation in 2015-2016)

*Note: A course on this list may be taken either before or after one of the following courses: Mathematical Models with Applications, Mathematical Applications in Agriculture Food and Natural Resources, Digital Electronics, Robotics Programming and Design

February 2014

Current Juniors **REGION 13 MATH**

2014/15 Math Options under HB5

	FOUNDATION PLAN 3 Math Credits Required	ENDORSEMENT 4 Math Credits Required**	ADVANCED MATH COURSES WITH PRE-REQUISITES
Algebra 1	• Required	• Required	• Math Models with Application ¹
Geometry	• Required	• Required	• Pre-calculus ¹
Algebra 2	• Not required • One of several choices to fulfill math credits	• Required only for STEM endorsement	<ul style="list-style-type: none"> • Advanced Quantitative Reasoning • Engineering Mathematics • Statistics and Risk Management^{1,3} • Pre-calculus¹ • AP Computer Science⁴ • Discrete Mathematics for Computer Science

¹Additional pre-requisites apply. See TEKS for complete list.
²Can be taken to earn 1st year math credit. Can earn 4th year math credit for the 2014-2015 school year only.
³Recommended pre-requisite.

Current Juniors **REGION 13 MATH**

2014/2105 math Options for Students Not Taking Algebra 2

	Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Foundation Required 3 Math Credits				Not required
Endorsement Required 4 Math Credits**	Algebra 1	Geometry	Choose from the following: <ul style="list-style-type: none"> • Mathematical Applications with Agriculture, Food, and Natural Resources • Robotics Programming and Design • Digital Electronics 	<ul style="list-style-type: none"> • Math Models with Applications

**Students who choose not to take Algebra 2 can fulfill requirements for all endorsements with the exception of the STEM endorsement.

Current Sophomores **REGION 13 MATH**

2015/16 Math Options under HB5

	FOUNDATION PLAN 3 Math Credits Required	ENDORSEMENT 4 Math Credits Required**	ADVANCED MATH COURSES WITH PRE-REQUISITES
Algebra 1	• Required	• Required	<ul style="list-style-type: none"> • Math Models with Application • Pre-calculus¹
Geometry	• Required	• Required	<ul style="list-style-type: none"> • Pre-calculus¹ • Advanced Quantitative Reasoning² • Pre-calculus¹
Algebra 2	• Not required • One of several choices to fulfill math credits	• Required only for STEM endorsement	<ul style="list-style-type: none"> • Advanced Quantitative Reasoning² • Engineering Mathematics • Statistics and Risk Management¹ • Pre-calculus¹ • AP Computer Science • Discrete Mathematics for Computer Science

¹Additional pre-requisites apply. See TEKS for complete list.

Current Sophomores

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2015/16 math Options for Students Not Taking Algebra 2

	Math Credit 1	Math Credit 2	Math Credit 3	Math Credit 4
Foundation Required 3 Math Credits			Choose from the following: <ul style="list-style-type: none"> Mathematical Applications with Agriculture, Food, and Natural Resources Robotics Programming and Design Digital Electronics Math Models with Applications 	Not required
Endorsement Required 4 Math Credits *	Algebra 1	Geometry		<ul style="list-style-type: none"> Algebraic Reasoning Statistics

*Students who choose not to take Algebra 2 can fulfill requirements for all endorsements with the exception of the STEM endorsement

Questions?

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